

# GLENN TIGAS

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## PROJECTS

**Farcebook** (*Ruby on Rails, Postgres, React/Redux, JavaScript, HTML/CSS*) [LIVE](#) | [GitHub](#)  
*Full-stack social media web application inspired by Facebook*

- Utilized Rails polymorphic associations to allow both posts and comments to be likable by users and generate notifications for each action.
- Stored image uploads in the cloud using Amazon Web Services S3 storage, increasing app scalability.
- Applied eager loading on feed data by fetching associated comments/likes along with user posts to reduce the number of database queries and improve performance.
- Implemented DRY React components with modular usage to improve code scalability.

**Maze-Viz** (*JavaScript, HTML5*) [LIVE](#) | [GitHub](#)  
*Visualization of maze generation and solving algorithms*

- Utilized JavaScript event queue to ensure each algorithm iteration was rendered for smooth animation.
- Demonstrates the generation and solving of different mazes, showcasing different algorithms for each process.

**CLI-Chess** (*Ruby*) [GitHub](#)  
*Command line interface for a two player chess game built in Ruby*

- Maximized Object-Oriented design principles by utilizing inheritance and modules for chess pieces.
- Built a Chess AI using board evaluation that plays turns by sampling all available moves and capturing the highest value enemy piece whenever possible.

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## SKILLS

- **Ruby**
- **Ruby on Rails**
- **JavaScript**
- **jQuery**
- **React**
- **Redux**
- **SQL**
- **Git**
- **HTML 5**
- **CSS3**

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## EDUCATION

**App Academy - New York** *September 2017 - November 2017*  
*1000-hour intensive software development course with <3% acceptance rate*

**University of Missouri - Columbia** *August 2008 - May 2013*  
*Bachelor of Arts in Psychology*

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## WORK HISTORY

**Avella Specialty Pharmacy - St. Louis, MO** *July 2014 - July 2017*  
*Inventory Specialist/Pharmacy Technician*

- Managed inventory records while conducting regular audits, decreasing inventory value variance to <0.1%.
- Oversaw the inventory of medications to ensure efficient turnover of orders in and out of the pharmacy.
- Responsible for the data entering of upwards of 300 prescriptions daily into the pharmacy Electronic Medical Record system.